

## Abstract

A rolling bearing, for application in electric auxiliaries for a car, durable owing to high resistance to high temperatures and capable of restraining noises from being generated at low  
5 temperatures; and lubricant grease, for low and high temperature application, which can be sealed in the rolling bearing. The lubricant grease includes 100 parts by weight of a mixture of fluorine-containing lubricant grease containing  
perfluoropolyether oil as a base oil thereof and fluorocarbon  
10 resin powder as a thickening agent thereof and urea-containing lubricant grease containing polyester oil as a base oil thereof and a urea compound as a thickening agent thereof; and 3 to 30 parts by weight of polyolefin oil added to the mixed grease. The polyolefin oil has a pour point of not more than  $-50^{\circ}\text{C}$  and a  
15 kinematic viscosity of 10 to  $70\text{ mm}^2/\text{s}$  at  $40^{\circ}\text{C}$ .